

Build World's Biggest Hangar

Navy Air Terminal Will House
Two Giant U. S. Dirigibles
Now Building.

MANY WONDERFUL FEATURES

Monster Doors Are Opened and Closed
by an Electric Motor—Structure
Would Cover Three Ordinary
City Blocks.

New York.—America's first great terminal for giant aircraft is nearing completion at Lakehurst, N. J.

The structure, the largest of its kind on earth, is 803 feet long, 264 feet wide and 195 feet high. Some idea of its immense size may be gleaned from the fact that if set down in a city the hangar would occupy three solid blocks. Its doors at each end stand more than 175 feet high and are 264 feet wide. A 16-story skyscraper could be pushed through the space disclosed by the doors when they are opened.

The hangar is officially known as the United States navy airship hangar, and represents the latest word in construction for buildings of this type. It is planned to have it ready in the early summer to house the two giant dirigibles now under construction, the ZR-1, building at League Island navy yard, Philadelphia, and the ZR-2, nearing completion in England. The trans-Atlantic flight of the latter is scheduled for late in July or early in August, and the Navy department plans to have the hangar completed for service before the airships are ready to sail.

Giant Mooring Mast a Feature.
Incidental to the hangar is a gigantic mooring mast to which great dirigibles may be tied when it is impracticable to house them inside the hangar. The mast is so constructed that the giants of the air will be moored, bow on, and will swing in the direction of the wind, thus avoiding the dangerous force exerted by high winds.

The result of experiments with the Lakehurst mooring mast will determine the policy of the Navy department in erecting similar mooring masts at various air stations throughout the country, such as Chicago, St. Louis, Kansas City, Denver, San Francisco, Seattle, New Orleans, Atlanta, Columbus, O., and San Diego.

The new airships nearing completion are of such large proportions, each being 700 feet long and 85 feet in diameter, as large as many of the great ocean liners, that the manner of "docking" them presented serious problems in engineering, but it is believed that the Lakehurst hangar will go far toward solving many of these problems.

Door Leaf Weighs 800 Tons.

First in importance came the question of doors to the hangar. Each leaf of the two doors, there being two leaves to a door, is made up of 800 tons of steel and corrugated asbestos. These leaves are supported on concrete trucks which in turn rest on wheels the size of those on a freight car. The leaves are rolled apart by a 25-horsepower electric motor. If man-power were needed to open the doors, it is estimated that 1,500 men would be called on.

Naval experts calculate that the giant doors can be rolled wide open within 15 minutes and the entire process of housing one of the dirigibles will consume approximately 40 minutes.

Running lengthwise through the hangar is a railroad and three trolley slots technically described as docking rails. The dirigible about to enter the hangar will be cable-fastened to these rails, which extend on a 1,500-foot runway at either end, and guided to its berth.

Under the roof among a network of steel rafters, five monorail cranes support movable platforms which enable workmen to repair an aircraft after it has docked. These rafters are so far above the floor of the hangar that the workmen resolve themselves into mere specks.

So large are the glass windows in the sides and the roof that individual motors are necessary to open each window.

HORSES ON WANE IN CITIES

Chicago Had 30,338 in 1920, Against 68,122 Ten Years Ago, According to Census.

Washington.—A marked reduction during the last decade in the number of draft animals employed in the largest cities was shown by the 1920 census. Figures made public by the census bureau showed 56,539 horses in New York city, compared with 128,224 in 1910, and 30,338 in Chicago, against 68,122.

Figures for other cities included: Philadelphia, 19,472 and 50,461; Baltimore, 7,378 and 15,346; Boston, 10,003 and 23,007; Pittsburgh, 6,023 and 12,845; Cincinnati, 5,031 and 13,001; Cleveland, 4,024 and 16,839.

Princesses As Stenographers

Russian Countesses Also to Be Found Holding Jobs as Typists in Riga.

NOBILITY IS DOWN AND OUT

Well-Educated People, Unaccustomed to Work, Now Anxious to Do Anything to Save Them From Starvation—Property Gone.

Riga, Latvia.—It is nothing unusual in Riga to have a Russian princess as your stenographer. At least a business man can acquire the service of a countess in that capacity. Almost every diplomatic or consular mission in Riga has at least one princess or countess working as typist.

If the supply of princesses and countesses fall there remains a large number of other well-educated people, most of them unaccustomed to work but now anxious to do anything to save them from starvation. Men who have been general managers of big Russian factories are now glad to take any kind of decent honorable employment to earn their living here.

Downfall Complete.

The condition of these Russian refugees who have found shelter in the infant Baltic states shows how complete has been the financial downfall of the Russian nobility. In Riga, Reval and other Baltic towns princes, barons and counts and their families, accustomed for decades in Russia to

Apple Seed, 12 Years in Girl's Ear, Is Perfect

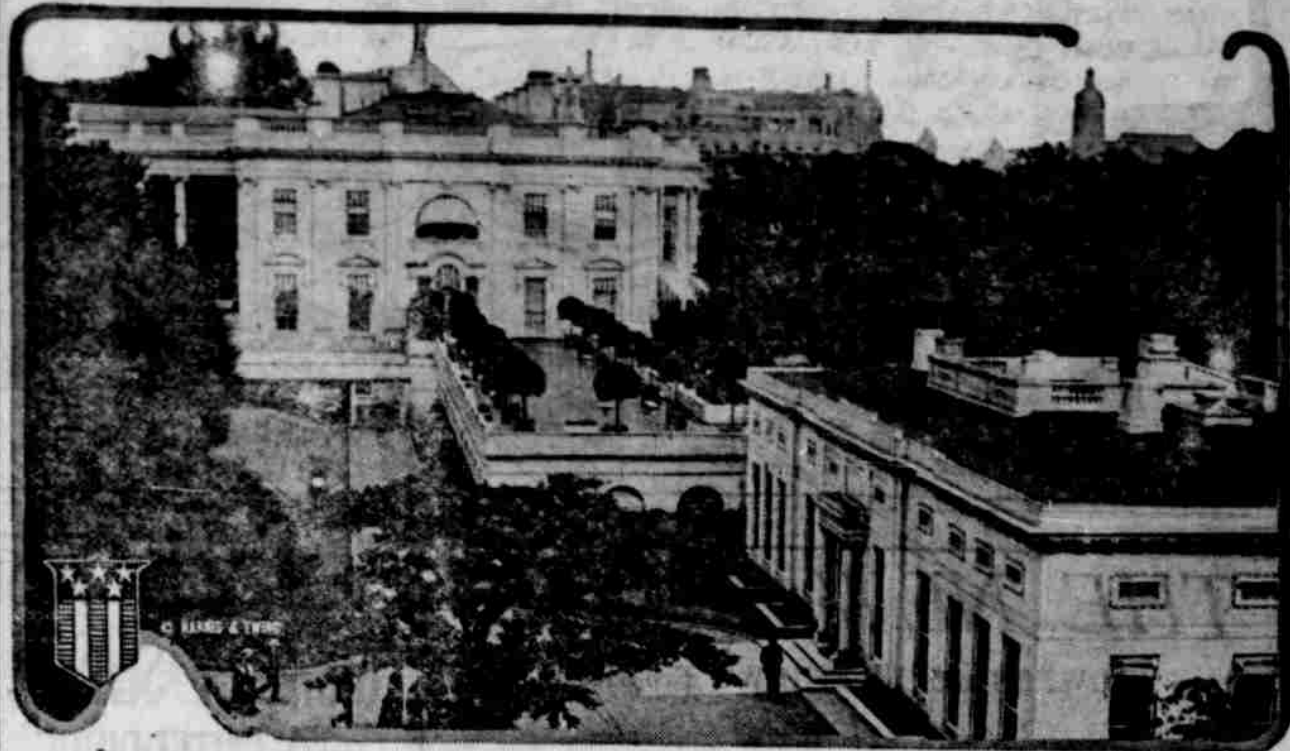
Mathias, W. Va.—An apple seed was removed from the ear of Miss Neva Sherman, this place, where it had lodged 12 years ago while playing when a child. She said at that time the seed caused her much pain and that her mother, with some household instruments as a probe, thought she had removed the seed, as the pain stopped. About two weeks ago the ear began to pain her much and Dr. E. H. Miller of Harrisonburg, Va., found the seed and removed it. The seed was as firm as the day it lodged in the ear 12 years ago.

DISEASE SPINS MAN LIKE TOP

Peculiar Ailment Also Causes New York Patient's Eyes to Roll Wildly.

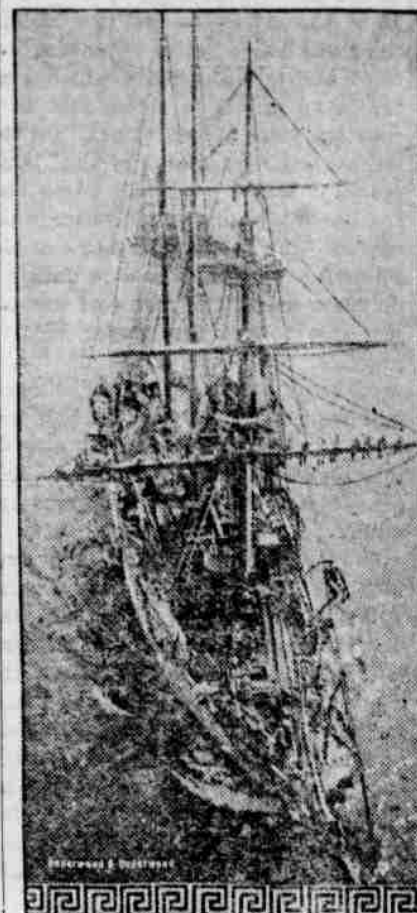
New York.—Although the doctors of the Kings county hospital are accustomed to all sorts of medical and surgical cases, one that has created interest in the institution is that of Edward Keller, aged forty-nine, Woodhaven, L. I., who is believed to be suffering from Meniere's disease. At intervals the patient has attacks of vertigo and everything about him seems to revolve, with the result that the patient spins like a top until he falls. During these attacks his eyes roll wildly and the pain is excruciating. Although little is known of the disease, it is supposed to be due to a condition of the semicircular canal in the inner ear.

Where President Harding Lives and Works



A new and unusual view of the White House showing the executive offices in the foreground. The entrance to the executive offices is the door through which all visitors pass, who have business of any kind to transact, either with the President or his secretary. The President's office is in the extreme rear of this building.

OFF FOR LONG CRUISE



The training ship Newport of the New York State Nautical school, with 100 future merchant marine officers aboard, passing beneath the Brooklyn bridge on the start of a four months' cruise.

LEADER OF INNOVATION



Miss Maude Royden, leader of a movement to induce the Church of England to admit women preachers to its pulpits, has been permitted to conduct a week-day service in St. Paul's and St. Botolph's churches, despite the protest made by Rt. Rev. Arthur W. Ingram, bishop of London. Miss Royden was attired in a surplice and a close-fitting head dress of dark blue.

Natural Error.

Reveille had been sounded and Private Pence came running out with his leggings on wrong. He jumped into the ranks and snapped into attention, but not until after the top kick had noticed his lapse from military sartorial perfection.

"Private Pence," he demanded angrily, "why have you your leggings on wrong?"

"It was just a personal mistake," answered the offender.

"Mistake?"

"Yes, I had my legs crossed when I put them on."—American Legion Weekly.

Watch That Premises Are Clean.

A man should keep his own household surroundings clean as a matter of pride and sanitary precaution. He should not allow refuse to accumulate, because refuse is a breeder of disease. Dirt is a danger, and dirt has been described accurately as "matter but of place." There should be no spasmodic cleaning up of the domestic premises, but a day-by-day process of keeping clean.

Presents Her Book to Mrs. Harding



Washington's youngest authoress, Miss Matalie Talbott Lake, fifteen years old, presenting the first copy of her novelette, autographed, to Mrs. Harding. Miss Lake is a student at Western high school in Washington, and wrote a great part of her book, "As Strong as the Hills," from her study of Persian history. The entire first edition has been donated to the Near East Relief fund.

Family of Secretary Denby



Mrs. Edwin Denby, wife of the secretary of the navy, with their two children, Marian and Edwin Denby, Jr.

Relief for Crimean Refugees



On the Island of Lemnos, Greece, the American central committee for Russian relief has established a camp where the necessities of life are provided for Russian refugees from Crimea. This photograph shows a class of Russian children lined up for dinner following their lessons.

OF GENERAL INTEREST

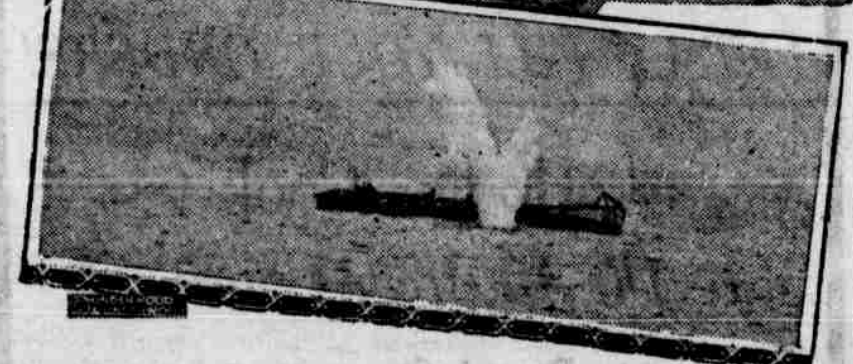
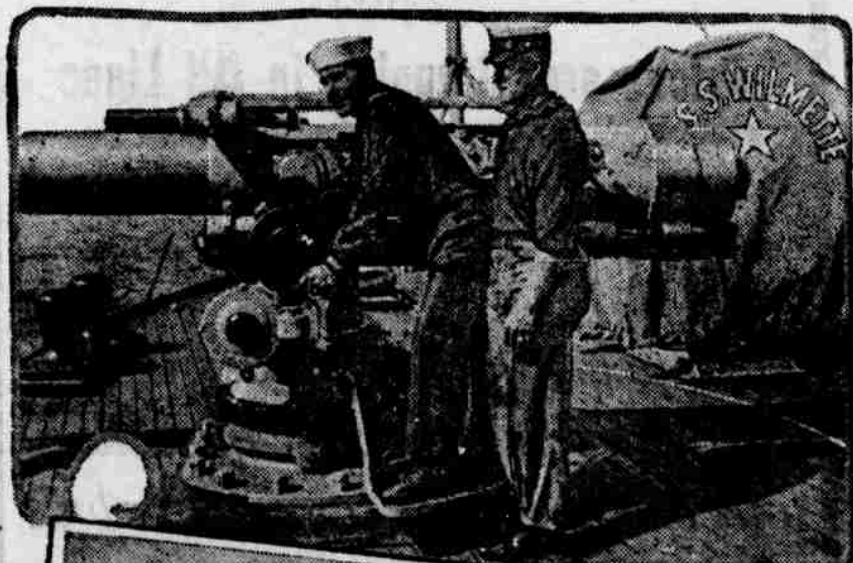
Cocoa beans are native to Mexico, but are found in all parts of the tropical world.

The green moray is the largest of eels and sometimes reaches the length of eleven feet.

Canada received 147,502 immigrants from 64 different countries last year as compared with 117,565 the previous year.

Compressed air for industrial purposes is piped through many Paris streets just as gas and water are in other cities.

German U-Boat Sunk in Lake Michigan



The first shot at an enemy craft in 117 years on the Great Lakes, was fired in Lake Michigan near Chicago, when the destroyer Wilmette turned her guns on the German submarine C-97, which was assigned to the United States by the terms of the armistice. Thirteen shots were fired altogether, but one would have been sufficient, as the first shot, fired by the same boy who fired the first American torpedo in the late war, was a direct hit. The illustration shows, above, the firing of that first shot, and, below, the submarine as the shell exploded.

Killed a Deer Illegally.

Stroudsburg, Pa.—A hunting party composed of Moses, Ernest, Levy, Alva Ladlee and Perry Pine was fined \$500 and costs for killing a deer out of season. The men were accused by J. W. Hornbeck and Emmet Steele, game wardens. Moses and Ernest Ladlee pleaded guilty to the charge at once and paid their fines of \$100 each and costs. The other three appealed from the summary conviction until their cases were heard before Judge Samuel E. Shull, when the appeal was dismissed and they were also fined \$100 each and costs.

Yawn Dislocates Girl's Jaw.

New York.—Anna Noll, twenty years old, a stenographer employed in Manhattan, started a long and supposedly healthy yawn.

When it came to bringing the yawn to a healthy close, however, something went wrong. Office assistants, perceiving she needed aid, summoned an ambulance surgeon and he took her to Volunteer hospital, suffering from a dislocated jaw.